

Earthdata UTC Meeting 12.06.2016

Gotomeeting link: <https://global.gotomeeting.com/join/862833445>

Phone number: 1-844-467-6272, Passcode 184979#

Meeting ID: 862-833-445

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - EMS Release 1.5.1.1
 - This release will include improvements to country resolution and also some performance improvements
 - We continue testing this release in UAT. Due to the upcoming AGU and other ongoing activities in December, our deployment to production will be delayed until 11 January 2017
 - After deployment into production, we will be reprocess all distribution logs from October 1
 - CDDIS
 - CDDIS has not delivered any logs to EMS since November 29 due to their changing to a new system. Once they system is up and tested, CDDIS distribution logs will need to be metered to reduce impact to daily distribution.
 - LP DAAC
 - LP DAAC will be sending a new custom distribution file for the LP DAAC AppEEARS interface
 - GHRC
 - GHRC has requested a new data provider for AMSR2NRT2. Will work with GHRC to set it up in UAT
 - EMS Upgrades and NetInsight (Web Analytics) Replacement Presentations in DAAC Manager's Meeting
 - The EMS team presented at the DAAC Manager's Meeting on 28 November. If you would like to get copies of the slide packages, please let me know
 - EMS ICD
 - We are finalizing an internal review of the updated EMS to Data Providers ICD. We will send it out to the data providers for review in January 2017

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- 1. Attendance
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- 6. CMR/ECHO/Earthdata Search/MMT
 - CMR/ECHO System Status
 - CMR Release Status
 - Earth Data Search Release Status
 - Metadata Management Tool Release Status
 - Upcoming PMs
- 7. GIBS
- 8. Worldview
- 9. Open Floor

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3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
 - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
 - In Production (Release 4.59)
- **[Earthdata Login public wiki](#)**
 - *** [New Tools page](#) ***
 - *** [New auto-authorization](#) ***

Sprint Status

Release	UAT Date	OPS Date
4.60	 01 Dec 2016	
4.59	 03 Nov 2016	 10 Nov 2016
4.58	 21 Oct 2016	 27 Oct 2016
4.57	 10 Oct 2016	 13 Oct 2016
4.56	 22 Sep 2016	 29 Sep 2016
4.55	 13 Sep 2016	 15 Sep 2016
4.54	 14 Aug 2016	 14 Aug 2016
4.53	 08 Aug 2016	 11 Aug 2016

Ticket Status

Ticket	Sprint
URSF0UR-744 - A user should be able to view all the user groups they belong to. (UI)	PI3.1
URSF0UR-743 - Return user groups information along with user profile info (API)	PI3.1
URSF0UR-733 - An application can list all the users in a group (API)	PI3.1
URSF0UR-732 - Provide URS4 api for an application to retrieve all the groups a user belongs to (API)	PI2.4
URSF0UR-731 - Provide URS4 Api to add user to a group by an application (API)	PI3.1

URSF0UR-730 - An application admin should be able to retrieve all the groups a user belongs to (UI)	PI3.1
URSF0UR-729 - Application admin can view a list of all user groups for the application (UI+API)	PI2.4
URSF0UR-728 - An application admin can add and delete a user from a user group (UI)	PI2.4
URSF0UR-727 - An application admin can create and edit a new user group (UI)	PI2.4
URSF0UR-725 - Too many email delivery failures	
URSF0UR-724 - Use human-readable field names (as used in field labels) instead of machine names like "study_area" in the banner/alert that shows up when additional profile fields are required.	PI2.3
URSF0UR-723 - Highlight missing app required user fields in user profile edit page on redirect	PI2.3
URSF0UR-720 - Add a count of the number of applications a user has authorized to the user profile information returned from the API.	
URSF0UR-715 - Support HEAD authentication requests	
URSF0UR-713 - URS cookies contain invalid Expires timezone	PI2.4
URSF0UR-705 - An application should be able to redirect to ED Login for additional EULA/Sentinel authorizations	PI2.2

URSFOUR-704 - Add 'Application' as user type options for user profile	PI2.1
URSFOUR-701 - Accept both username and email at the login	
URSFOUR-698 - Implement unauthorized access to public user profile data	PI2.2
URSFOUR-697 - Determine which user profile fields should be public, and which should require authorization	PI2.3
URSFOUR-695 - Update LDAP Application model to store required user profile attributes	PI2.1
URSFOUR-694 - Provide capability to support application required user profile attributes during application authorization	PI2.1
URSFOUR-693 - Provide the ability to add/edit application required fields during application registration	PI2.1
URSFOUR-690 - want a list of all the applications I can authorize, with descriptions	PI1.1
URSFOUR-686 - URS appends form parameters to URL when clicking on 'Register' link	PI1.4
URSFOUR-683 - An application should be able to determine if a user is in a given group	PI1.1
URSFOUR-677 - URS should return a 401 if an expired refresh token is used.	PI1.4
URSFOUR-675 - Place an upper limit on the maximum number of tokens a user can have.	PI1.4

URSF0UR-674 - Delay cleanup of tokens to allow use of refresh token	PI1.3
URSF0UR-673 - Provide information on what to do if an activation email is not received.	PI1.1
URSF0UR-670 - Error when MMT accesses URS API in UAT	2.74
URSF0UR-664 - Application image/description does not show up in pre-authorization.	PI1.4
URSF0UR-655 - Include profile 'age' with user profile info.	2.73
URSF0UR-649 - Reference to 'User Registration System' in Earthdata Login GUI.	2.72

4. Earthdata

Katherine Kelly

- **URS**
 - Adding functionality to help retrieve user information from api.
- **Earthdata Developer Portal**
 - Private Documentation
 - Search
 - Addition Documentation
- **Migrate the CDN to NGAP**
 - Researching other AWS tools (CloudFront) that may be a good solution for the CDN content.
 - Looking up current CDN data access metrics.

5. User Support Tool

Catalino Cuadrado

Activities:

None

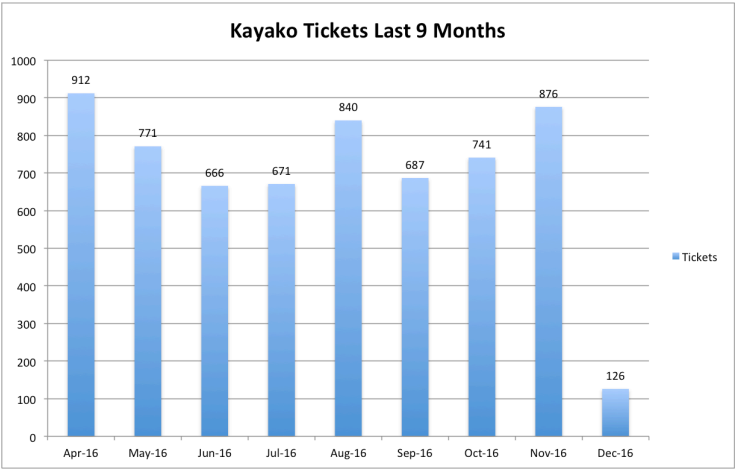
Issues:

None

Recent Metrics

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Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting	Waiting for DAAC	Waiting for User	Total
ASDC	56	5		13				
ASF	16							
CDDIS	3			1				
CMR	1							
ECC	3							
ECHO	25			1				
Earthdata	3			1			1	
Earthdata Search	7							
FIRMS	5						5	
GCMD	5	1		1				
GES-DISC				3				
GHRC	5							

LANCE	1	1						
LPDAA C	18	10	2	13				
MODAP S	29							
NSIDC	2							
ORNL DAAC	13			1				
PO.DAA C	9	2		2			1	
PO.DAA C Forum	4			4				
Reverb	9			2				
Sea Level Change	1							
URS	62				1			
UUI	1			3				
Worldvi ew	3							
Total	281	19	2	45	1	0	7	355

6. CMR/ECHO/Earthdata Search/MMT

Doug Newman

CMR/ECHO System Status

System Issues

- 1/29/16 11am to 1:45pm ET DNS Server hardware refresh by the IPAM team. We were not expecting any issues but suffered numerous brief outages.

Recent Metrics

[illegible]

CMR collection search performance

	09/11/2015	09/18/2015	09/25/2015	10/02/2015	10/09/2015	10/16/2015	10/23/2015	10/30/2015	11/06/2015	11/13/2015	11/20/2015	11/27/2015	12/04/2015
95th Percentile	429	431	603	388	490	481	584	630	544	2096	739	539	508
99th Percentile	2029	2003	2480	1826	2215	2267	2571	2672	2495	7293	2884	2878	2638
50th Percentile	16	14	15	23	23	20	17	17	16	58	22	22	22

CMR granule search performance

	09/11/2015	09/18/2015	09/25/2015	10/02/2015	10/09/2015	10/16/2015	10/23/2015	10/30/2015	11/06/2015	11/13/2015	11/20/2015	11/27/2015	12/04/2015
95th Percentile	903	1083	738	495	1181	1143	1408	1373	1302	2303	1695	1531	1617
99th Percentile	3606	2921	3035	2591	2811	2398	2769	2872	2938	9070	4319	3821	4079
50th Percentile	67	75	74	54	51	54	88	93	99	220	152	137	134

In Production: 1.62

CMR-3527	Unable to index granule due to ability to find interior rectangle
CMR-3520	Restarting Oracle RAC nodes causes internal errors in CMR
CMR-3462	PUT /ingest/providers/SCIOPS/collections/CDMO_cbvwq01-12.99m?pretty=true HTTP/1.1" 500
CMR-3461	POST /search/tags/edsc.extra.gibs/associations HTTP/1.1" 500
CMR-3454	CMR failing to find SCIOPS collections after ingest
CMR-3453	Ingest reporting an Internal Server Error
CMR-3184	Ingest 500 failure potentially due to character encoding

In UAT: 1.63

CMR-3583	Granule performance is slipping into the 2 second area for 95%
CMR-3561	robots.txt files are not being deployed
CMR-3555	Platform humanized search not working with multiple platforms
CMR-3489	As a CMR user I would like collections that have higher community usage to appear earlier in search results than collections with lower community usage, all other things being the same.

Earth Data Search Release Status

In Production: 1.32

EDSC-1270	500 error when trying to access data using ESI form
EDSC-1263	Data:load:tags cronjob fails and triggers Uptrends alert/outage on health check.
EDSC-1236	Data access script fails when I provide correct credentials. Succeeds without credentials.
EDSC-1234	Javascript error while running ESI service request
EDSC-1232	Retrieving preferences from Echo for new users does not work
EDSC-1218	EDSC health check should do a collection search of CMR to confirm dependent health
EDSC-1215	Download script throws an error when it cleans up tmp files.
EDSC-1205	AMSR2 NRT imagery (and possibly others) is improperly configured to make tile requests from GIBS.
EDSC-1201	Bounding box coordinates from search session are not carried over to the ESI form in some browsers
EDSC-1196	GIBS layers not functioning in ops
EDSC-1154	Error for excessive wildcard searches is confusing to user
EDSC-1138	As an EDSC Administrator, I want events logged on collection order returned for a search so that I can metric CMR search relevancy over time.

In UAT: 1.33

EDSC-1275 EDSC Orders fail for Service Orders with "InvalidParameterValue" but work in Reverb

EDSC-1235 AIRX2RET_NRT returns 400 error on OpenSearch request and spins in "Loading granules..." forever

EDSC-975 ECHO form not being prepopulated with email address

Metadata Management Tool Release Status

In Production: 1.34

MMT-153 As a Provider, I want to give specific access permissions to all guest users.

MMT-152 As a Provider, I want to give specific access permissions to all registered users.

In UAT: 1.36

MMT-723 As a provider, I would like to see a list of my order options

MMT-683 Remove the word 'Level' from the values of Processing Level

MMT-589 As a CMR Administrator, I want to give all members of a system level access control group permission to delete a system object.

MMT-588 As a CMR Administrator, I want to give all members of a system level access control group permission to update a system object.

MMT-587 As a CMR Administrator, I want to give all members of a system level access control group permission to view a system object.

MMT-586 As a CMR Administrator, I want to give all members of a system level access control group permission to create a system object.

MMT-561 As a CMR Administrator, I want to create a System Level access control group.

MMT-171 As a Provider, I want to delete an access control rule.

Upcoming PMs

 **07 Dec 2016** SIT/TB and Misc. OS patching

- [EI-5437](#) - ECHO/CMR: Testbed/SIT - Deploy 2016 December Linux OS patches to ECHO Testbed/CMR SIT **IN PROGRESS**
-

[EI-5436](#) - CMR/ECHO: Misc Support - Apply 2016 December CMR/ECHO Linux OS patches to Misc Support Servers **IN PROGRESS**

7. GIBS

Matthew Cechini

General Items

In Progress

- ICD Revision 2 - Awaiting final signatures prior to release.
- Vectors - Developing functional test plan for internal evaluation of GIBS vector prototype capability.

Completed

- Released enhanced layer configuration process to GIBS production

New/Planned Products

In Progress

- Multi-Day Products - Numerous multi-day imagery products have been released to GIBS production, but cannot be included in Worldview until an issue with image download is resolved. An update is currently being tested in the GIBS UAT environment.
- MODIS Collection 6 - Atmosphere & Land Reprocessing
 - *Atmosphere STD Reprocessing* - Performing reprocessing of Cloud Top Height, Effective Radiance, Water Path, and Optical Thickness products. Completion projected by week of 12/5.
 - *Land L2 STD Reprocessing* - Coordinating "final prep" test concurrent with Atmosphere L2 STD Reprocessing. Completion projected by week of 12/5.
 - *Land L3* - Awaiting start of Land L2 STD Reprocessing.
- Non-BEDI Imagery Products - Actively working towards operationalization of the following products:
 - OMI NRT
 - Coordinating colormap updates based on changes to STD imagery products.
 - MISR NRT
 - Awaiting imagery updates to address "bad" data pixels and subsequent imagery artifacts.
 - GPM Rain/Snow v4 Standard
 - Reviewing sample imagery from provider
- BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Performing review of OMI UV sample imagery with updated colormaps.
 - Performed MERRA/LDAS historical reprocessing. Performing provider review.
 - Awaiting resource assignment for AIRS historical reprocessing.
 - ASTER L1T - LPDAAC
 - Iterating with GIBS development team to resolve concurrency inefficiencies
 - Aquarius/MEaSUREs/SSM/I - NSIDC
 - Awaiting provider updates for NISE product geolocation issues.
 - Aquarius/MODIS PODAAC
 - Pending coordination of historical reprocessing

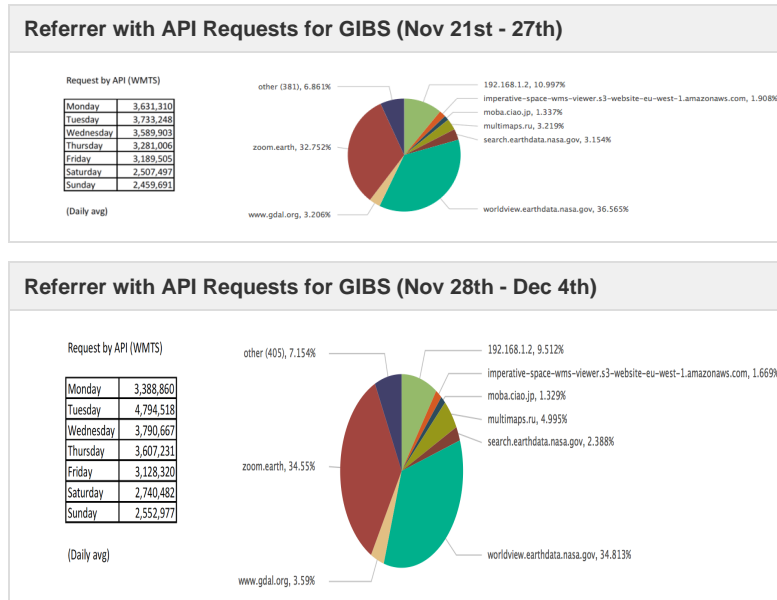
Completed

- Released MODIS C6 NDVI NRT imagery products to GIBS production:
- Releasing OMI Standard imagery products to GIBS production:
 - Aerosol Optical Thickness
 - Nitric Oxide
 - Ozone (DOAS)
 - Ozone (TOMS)
 - Single Scattering Albedo

- Sulfur Dioxide (Planetary Boundary Layer)

Alex De Luca Jerome King

- **GIBS Production**
 - **Status**
 - Planned maintenance for this Thursday 12/8
- **Metrics**



8. Worldview

Taylor Gunnoe Benjamin King

- Worldview Releases:
 - v1.4 - Awaiting updates from OpenLayers project
- Development issues:
 - Vagrant boxes and dependency modules updated
 - New build tasks for syncing runtime modules
 - Current in progress tickets migrated to github
 - More documentation on the build process of Worldview
 - Some automation of the test plan with nightwatch.js
- Updates:
 - Google analytics added to replace netinsight
 - Worldview-timeline-components react repository is now worldview-components

9. Open Floor

a. 'User Lookup' in PUMP will be replaced with a User Search function in URS. This URS function requires special permissions.

Please send Kathy a list of URS ids of DAAC staff who need to perform this function. (URS ids in SIT, UAT, OPS)